

25X1A6a

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2. Cooke 131-3 - An "answerback" unit to be used in conjunction with the 131 Tone Decoder was checked out in its preproduction configuration. The unit was found acceptable and no changes are necessary. Delivery of 25 units within six weeks is scheduled.

25X1A5a1 3. [REDACTED] - The first production model of the SG-75A has been shipped and will be under test next month. Later models will have a packaging change on the VFO boards in order to facilitate testing and checkout.

Retrofit of the SG-75A into an ST-3A is in technical difficulty; work continues.

The Phase Comparator Kit f/u/w SG-3A is acceptable.

There is a 3-month slippage on the current contract of SG-75A's, ST-3B's and HFL-1000's.

4. Converters - Frederick is in the process of updating their 1200 converter to the 1200-A. The new unit will be higher in price, use IC construction and possibly have two units in one chassis for diversity use. Standardization on the 1200 will be held in abeyance until the newer units can be evaluated, specifically as a diversity system replacement for the Northern Model 174.

25X1A 5. Testing Facility - Work has commenced on a field set-up and testing facility at [REDACTED]. The only real problem areas seem to be antenna set-ups and the normal administrative work-order delays.

6. Receivers - A Racal 6218 (\$3,800.00) Nixie readout, phased locked receiver has been ordered for evaluation.

Two RACAL 6377 Counter/Comparator receivers for use as precise "off-the-air" frequency measurements have been received and will be evaluated. OC-SPS expressed an interest in this receiver and will in fact receive one of the two received.

#### C. DRAFTING AND REPRODUCTION SECTION

1. Engineering Publications - Maintenance Parts List No. 89, High Frequency Antenna Coupler, Model AC-3, has been completed and forwarded to the field.

2. Drawings Completed - Approximately 50 drawings of various sizes were completed and reproduced copies were forwarded to the originator.

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3. Reproduction

- a. Xerox Machine reproduced 13,000 copies.
- b. Bruning 440 reproduced 1300 sepias and opaque copies.

4. General

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a. Messrs. [REDACTED]  
[REDACTED] were given a guided tour of the microfilming system at Headquarters' main library.

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b. Messrs. [REDACTED] attended a personal demonstration by 3 M Corporation on microfilming equipment.

c. Approximately seven hundred contractors drawings on shielded enclosures are being prepared for microfilming. These drawings will be used in a study on the feasibility of a microfilming system in the Drafting and Reproduction Section.

D. ATTACHMENT  
TDY Report

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